```
void SWAP(bool &a, bool &b){
    bool temp = a;
    a = b;
    b = temp;
}
```

```
//对换指令实现进程互斥
bool lock = false;
cobegin
    Process Pi( ){ //i=1,2,...,n
        bool keyi = true;
        do{
            SWAP(keyi,lock);
        }while(keyi); //上锁
        {临界区};
        SWAP(keyi,lock); //开锁
    }
coend
```